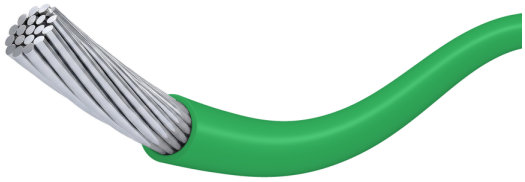
UL 3512

-60°C to +200°C, 600V



Construction
Conductor: Nickel Plated Copper
Insulation: Extruded · Silicone rubber

Thermal Characteristics
Operating Temperature: -60°C to +200°C

Electrical Characteristics
Operating Voltage: 600V

Application
Internal wiring: Internal wiring of appliances and electronic equipment.
High-temperature equipment: High-temperature lead wiring for industrial controls, lighting fixtures, and heating appliances.

General Characteristics
Extreme Flexibility: Ultra-supple silicone rubber insulation stays flexible from low ambient temperatures up to rated heat.
Thermal & Aging Resistance: Excellent resistance to thermal aging, ozone, corona, and moisture in high-heat environments.

Standards & Approvals
UL 758: UL 758 Appliance Wiring Material, Style 3512.
CSA C22.2 No. 210: cUL Appliance Wiring Material, Style 3512.

Fire Performance
Fire Retardant: VW-1 / FT1 / FT2

CASMO Part No.	Conductor				Insulation		Nom. O.D. (mm)	Max. DCR @20°C (Ω/km)	Nom. Cable Weight (kg/km)
	Conductor Size (AWG)	No. Of Strands	Nom. Strand Dia. (mm)	Nom. Conductor Dia. (mm)	Nom. Ins. Thickness (mm)	Min. Ins. Thickness (mm)			
3210622/7-NS2-XX	22	7	0.254	0.76	0.76	0.69	2.36	60.4	8.74
3210622/17-NS2-XX	22	17	0.16	0.76	0.76	0.69	2.36	60.4	8.74
3210620/19-NS2-XX	20	19	0.2	1	0.76	0.69	2.52	37.9	11.84
3210620/26-NS2-XX	20	26	0.16	0.94	0.76	0.69	2.52	37.9	11.13
3210620/41-NS2-XX	20	41	0.127	0.94	0.76	0.69	2.52	37.9	11.13
3210618/19-NS2-XX	18	19	0.254	1.27	0.76	0.69	2.79	23.9	16.87
3210618/41-NS2-XX	18	41	0.16	1.18	0.76	0.69	2.79	23.9	15.54
3210616/26-NS2-XX	16	26	0.254	1.49	0.76	0.69	3.09	15.0	22.41
3210616/65-NS2-XX	16	65	0.16	1.5	0.76	0.69	3.09	15.0	22.59
3210614/41-NS2-XX	14	41	0.254	1.88	0.76	0.69	3.44	9.45	32.5
3210614/104-NS2-XX	14	104	0.16	1.89	0.76	0.69	3.44	9.45	32.73
3210612/65-NS2-XX	12	65	0.254	2.36	0.76	0.69	4	5.94	48.72
3210612/168-NS2-XX	12	168	0.16	2.37	0.76	0.69	4	5.94	49

Table Notes

* Part No. code: XX = colour code — BK Black, WH White, RD Red, GN Green, BN Brown, BL Blue, OR Orange, YW Yellow, VT Violet, GY Grey, PK Pink, TN Tan, CL Clear.

† "-NS2-" = nickel-plated copper conductor with FT2 flame rating (standard). "-NS1-" = nickel-plated copper conductor with VW-1 / FT1 flame rating (optional).

Please confirm application-specific requirements with CASMO before ordering. Specifications are subject to change; please ensure you are using the latest revision.

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